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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/566,677

02/01/2006

Armando Annunziato

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02/24/2011

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER
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EXAMINER

VU, MICHAEL T

ART UNIT

PAPER NUMBER

2617

MAIL DATE

DELIVERY MODE

02/24/2011

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<p align="center">Advisory Action Before the Filing of an Appeal Brief</p>	Application No. 10/566,677	Applicant(s) ANNUNZIATO ET AL.	
	Examiner MICHAEL T. VU	Art Unit 2617	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 28 January 2011 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
 b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
 (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
 (b) ☐ They raise the issue of new matter (see NOTE below);
 (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
 5. ☐ Applicant's reply has overcome the following rejection(s): _____.
 6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
 7. ☐ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
 The status of the claim(s) is (or will be) as follows:
 Claim(s) allowed: _____.
 Claim(s) objected to: _____.
 Claim(s) rejected: _____.
 Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
 9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
 10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Attachment Sheet.
 12. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____.
 13. ☐ Other: _____.

/Charles N. Appiah/
 Supervisory Patent Examiner, Art Unit 2617

On page 2 of Applicant's remarks, Applicant argues that "Somaza does not disclose or suggest "step of defining a joint cost function to be optimized, the joint cost function being indicative of a quality of service of location-based services and at least one additional class of services rendered by the network".

The examiner disagrees, Somaza discloses provides a cost comparison for each network plan. In addition to cost, and compares other parameters including installation time, cabling, RF elements, antennas, and common equipment hardware, in which reads on defining a joint cost function to be optimized, see Col. 7 lines 34-38), and by tracking/monitoring the location of user devices and compares other parameters 350 including installation time, cabling, RF elements, antennas, and common equipment hardware, Col. 7 lines 34-38).

On page 3 of Applicant's remarks, Applicant argues that Somaza does not include "joint cost function". The examiner disagrees, Somaza discloses provides a cost comparison for each plan (Col. 7 lines 34-37), and compares other parameters including installation time, cabling, RF elements, antennas, and common equipment hardware that associated with wireless network planning for example cost, and quality of service, see Col. 7 lines 21-23)

On page 3 of Applicant's remarks, Applicant argues that "Somaza does not disclose "quality of service of location-based services". The examiner disagrees, Somaza discloses a system generally consists of a network of cells, that is, geographical service areas covered by a single antenna or group of antennas in which cellular phone users can receive a variety of communication services (e.g., voice and data communication services), which is read on the quality of service by jointly into voice services and data services, Col. 1, lines 22-26), and Somaza indeed discloses the information can retrieved from one or more server locations on the World Wide Web, which is called Location Based Services (LBS) that associated with the quality of service, Col. 6 lines 1-22).

From the above, the examiner believes that the rejection of claims 22-23 and 25-42 are proper and are therefore maintained.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael T. Vu whose telephone number (571) 272-8131. The examiner can normally be reached on 8:30 AM – 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Charles N. Appiah can be reached on (571) 272-7904. The fax phone numbers for the organization where this application or proceeding is assigned are (571) 272-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-9000.

/Michael T. Vu/
Examiner AU-2617